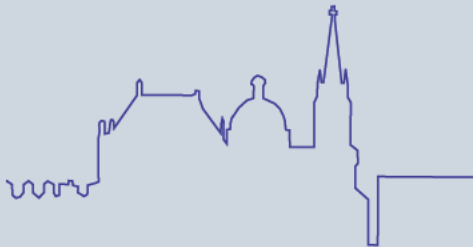


# Aachen Membrane Course for Water Technologies



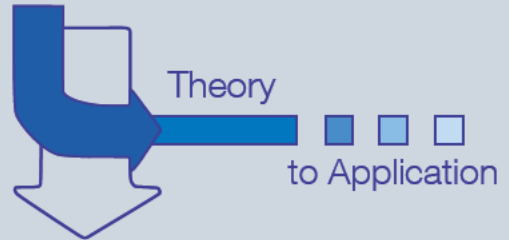
**27<sup>th</sup> - 29<sup>th</sup> May 2019**

Aachen, Germany

Chemical Process Engineering

**Prof. Dr.-Ing. Matthias Wessling**

**invited speakers**



**organized by**

**vivta**

e.V.



## Participation Fee

The registration fee includes participation, course material, meals (during the course and first evening), social activity (second evening) and transport.

Students: 700.00 EUR  
Earlybird: 900.00 EUR  
Regular: 1,000.00 EUR

## Registration



[www.avt.rwth-aachen.de/mcw](http://www.avt.rwth-aachen.de/mcw)

**Fundamental**  
modeling of mass transport

**Membrane Modules**  
design | optimization | energy efficiency

**Lab Visit**  
visit of laboratory and pilot  
scale plant site of AVT.CVT

**Industrial Water Applications**  
ZLD | water treatment for medical purposes

**Materials & Structures**  
future membrane materials

**Fouling & Scaling**  
concentration polarization

**Monitoring**  
analysis & interpretation

**Drinking Water**  
MF | UF | NF | RO | ED

**Waste Water Treatment**  
membrane bioreactors

## Locations

**Lecture**  
RWTH Aachen University  
SuperC, Fordsaal  
Templergraben 57  
D-52062 Aachen

**Lab Visit**  
Chemical Process Engineering  
Forckenbeckstraße 51  
D-52074 Aachen

## Contact

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Membrane processes display an emerging market in various industrial fields such as waste water treatment, drinking water production and gas separation. In particular, water technologies depend strongly on membrane processes. This course gives a sound knowledge of membrane technologies used in water industry and prepares you for optimal use of membrane processes.

## The course in a nutshell

The first lectures deal with the **theoretical and fundamental principles** of membrane technology and **membrane materials**. On this basis, fouling, scaling and monitoring as well as waste water treatment and industrial water applications are focused. All lectures are held by senior scientists and engineers with outstanding experience in the field of water and membrane technologies, both in **research and in industrial operations**. The theoretical part of the course is balanced with a case study and the **visit of our laboratory** and pilot scale sites. A joint dinner and a guided tour through Aachen's historic city center complete the course program.

The course does **not require any specific prior knowledge** of membrane technologies. Hence, it is advisable to every professional.